Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091629.D
Acq On : 11 Apr 2016 15:36
Operator : UM/SJ
Sample : PB89639BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB89639BS

Manual Integrations APPROVED
Sohil
4/12/2016 5:31:40 PM

Quant Time: Apr 12 02:10:40 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	43127	5.00	ng		-0.02
7) Naphthalene-d8	10.59	136	215372	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	134716	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	320856	5.00	ng		0.00
26) Chrysene-d12	21.31	240	427765	5.00	ng		0.00
35) Perylene-d12	23.75	264	347339	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	69139	6.72	ng		0.00
5) Phenol-d6	6.97	99	104808	7.64	ng		0.00
8) Nitrobenzene-d5	8.96	82	47209	3.77	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	38015	7.72	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	142433	3.80	ng		0.00
29) Terphenyl-d14	19.76	244	213149	3.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	16160	3.39	ng	#	89
3) n-Nitrosodimethylamine	3.65	42	25096	3.79	ng	#	95
6) bis(2-Chloroethyl)ether	7.23	93	46319	3.89	ng	#	76
9) Nitrobenzene	8.99	77	51464	3.33	ng		94
10) Naphthalene	10.63	128	165183	3.72	ng		98
11) Hexachlorobutadiene	10.92	225	25201	3.86	ng		97
12) 2-Methylnaphthalene	12.24	142	119052	4.20	ng		98
16) Acenaphthylene	14.14	152	205294	3.93	ng	#	86
17) Acenaphthene	14.47	154	130017	3.93	ng		93
18) Fluorene	15.46	166	160459	3.88	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	44547	3.94	ng		96
21) Hexachlorobenzene	16.46	284	46361	3.95	ng		98
22) Pentachlorophenol	16.79	266	46994	7.68	ng	#	86
23) Phenanthrene	17.19	178	290099	3.96	ng		99
24) Anthracene	17.29	178	273904	4.22	ng		99
25) Fluoranthene	19.21	202	308805	3.99	ng		98
27) Benzidine	19.38	184	119949	3.00	ng	#	75
28) Pyrene	19.55	202	343050	4.01	ng		99
30) Benzo(a)anthracene	21.29	228	384211m	4.01	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	64738	1.06	ng	#	73
32) Chrysene	21.34	228	330990m	3.81	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	110096	1.78	ng	#	80
34) Indeno(1,2,3-cd)pyrene	26.32	276	358451	3.70	ng		97
36) Benzo(b)fluoranthene	23.00	252	324245	4.02	ng		97
37) Benzo(k)fluoranthene	23.06	252	349656m	4.40	ng		
38) Benzo(a)pyrene	23.65	252	311505	4.16	ng	#	97
39) Dibenzo(a,h)anthracene	26.34	278	300977	4.08	ng		96
40) Benzo(g,h,i)perylene	27.10	276	300943	3.96	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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